

NEW ATTORNEY DOCKET NO. PD-201138

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Criag B. Owens, et al

:Date: June 23, 2003

Serial No. 09/960,569

:Group Art Unit: 2661

Filed: September 20, 2001

:Examiner: Not Known

For: SYSTEM AND METHOD FOR REMOTELY COMMUNICATING WITH A BROADBAND MODEM

REVOCATION OF POWER OF ATTORNEY; POWER OF ATTORNEY OR AUTHORIZATION OF AGENT; STATEMENT UNDER 37 CFR 3.73(b)

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Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

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Technology Center 2600

Dear Sir:

Enclosed herewith, please find (1) a Revocation of Power of Attorney or Authorization of Agent; (2) Power of Attorney or Authorization of Agent; (3) Statement Under 37 CFR 3.73(b) for the above noted patent application.

As requested on the "Power of Attorney or Authorization of Agent Form" please use the correspondence address associated with Customer Number 020991 henceforth for all correspondence relating to the above-identified patent application. Also, please henceforth use the new attorney docket number, "PD-201138."

Respectfully submitted, Craig B. Owens, et al

Vijayalakshmi D. Duraiswamy

Attorney for Assignee Registration No. 31,505

HUGHES ELECTRONICS CORPORATION Bldg. 001, M.S. A109 P.O. Box 956 El Segundo, CA 90245-0956

PHONE: (310) 662-9919

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U..S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, Va. 22313-1450, on <u>June 23, 2003</u>

Vijayalakshmi D. Duraiswamy (Name of Applicant, Assignee or Registered Representative)

Signature D: WWW. Date (Date)

(Date of Signature)

PTO/SB/82 (05-03)

Approved for use through 11/30/2005. OMB 0651-0035 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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ATTORNEY OR AUTHORIZATION OF AGENT

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|--|--------------------|--|--|
| Application Number | 09/960,569 | | |
| Filing Date | September 20, 2001 | | |
| First Named Inventor | Craig B. Owens | | |
| Art Unit | 2661 | | |
| Examiner Name | Unknown | | |
| Attorney Docket Number | PD-201138 | | |

| I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application: | | | | | | | | |
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| A power of Attorney or Authorization of Agent is submitted herewith. RECEIVED | | | | | | | | |
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| | Applicant/Invento | Or. | | | | | | |
| Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96) | | | | | | | | |
| SIGNATURE of Applicant or Assignee of Record | | | | | | | | |
| Name | Michael | W. Sales | | | | | | |
| Signature | What | | | | | · | | |
| Date | 6-23- | | | Teleph | | (310) | | |
| NOTE: Sign required. Su | natures of all the ubmit multiple for | inventors or assignees of i | record of the ture is requi | entire | e interest o | or their rep | oreser | itative(s) are |
| ▼ *Tota | al of <u>One</u> | forms are submitted. | | | | | | |

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 11/30/2005. OMB 0651-0035 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE der the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 09/960.569 September 20, 2001 **First Named Inventor** Craig B. Owens, et al System and Method for Remotely with a Broadband Modem Art Unit Communicating 2661 **Examiner Name** Unknown **Attorney Docket Number** PD-201138

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

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|-------------------------------------|--|---|----------------------|--------------------|-----------------------------------|
| X | Practitioners at Customer | Number 020991 | - | | Place Customer Number Bar Code |
| c |)R | | | | Label here |
| | Practitioner(s) named belo | ow: | | ļ | |
| | | Name | | Registration | Number |
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| as my | our attorney(s) or agent(s) mark Office connected the |) to prosecute the application identifice rewith. | ed above, and to tra | nsact all business | in the United States Patent and |
| Please | change the corresponder | nce address for the above-identified | application to: | | |
| | The above-mentioned Cus | · | | | |
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| | Practitioners at Customer | Number. | | | Place Customer |
| | | | | | Number Bar Code Label here |
| 0 | | | | <u> </u> | |
| X | Firm or Individual Name | Hughes Electronics. | Corporation | | |
| | Address | 200 N. Sepulveda Bo | oulevard | | ··· |
| | Address | P. O. Box 956, ES/0 | 001/A109 | | |
| | City | El Segundo | State | CA | Zip 90245-0956 |
| | Country | USA | | | |
| | Telephone | (310) 662-9919 | Fax | (310) 3 | 22-0856 |
| l am t | | | | | |
| | Applicant/Inventor. | | | | |
| | , pp. 100 110 110 110 110 110 110 110 110 11 | | | | |
| X | Assignee of record of the | ne entire interest. See 37 CFR 3.71. FR 3.73(b) is enclosed. (Form PTO/S | B/96). | | |
| X | Assignee of record of the | ne entire interest. See 37 CFR 3.71. FR 3.73(b) is enclosed. (Form PTO/S | | Record | |
| Name | Assignee of record of the | R 3.73(b) is enclosed. (Form PTO/S SIGNATURE of Applic | | Record | |
| Name Signat | Assignee of record of the Statement under 37 CF | R 3.73(b) is enclosed. (Form PTO/S SIGNATURE of Applic | | Record | |
| | Assignee of record of the Statement under 37 CF | R 3.73(b) is enclosed. (Form PTO/S SIGNATURE of Applic | | Record Telephone | (310) 662-9916 |
| Signat Date NOTE: | Assignee of record of the Statement under 37 CF Michael W ure | SIGNATURE of Applic | ant or Assignee of | Telephone | <u> </u> |
| Signat Date NOTE: forms if | Assignee of record of the Statement under 37 CF Michael W ure Signatures of all the inventors more than one signature is re | SIGNATURE of Applic | ant or Assignee of | Telephone | <u> </u> |

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/96 (04-03)

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STATEMENT UNDER 37 CFR 3.73(b)

| Applicant/Patent Owner: Craig B. Owens, Thomas Obenhub | oer, Steven L. Herrick/Hughes Electronics Corp |
|--|--|
| Application No./Patent No.: 09/960,569 Filed/Issue Date: | September 20, 2001 |
| Entitled: System and Method for Remotely Communication | ating with a Broadband Modem |
| Hughes Electronics Corporation ,a corpor | ration |
| | e, e.g., corporation, partnership, university, government agency, etc.) |
| states that it is: 1. 囚 the assignee of the entire right, title, and interest; or | RECEIVED |
| 2. an assignee of less than the entire right, title and interest. | MECEIVED |
| The extent (by percentage) of its ownership interest is in the patent application/patent identified above by virtue of either: | -% JUL 0 2 2003 |
| A. $[^X]$ An assignment from the inventor(s) of the patent application/pate in the United States Patent and Trademark Office at Reel 012 attached. | ent identified above. The assignment was recorded 1201, Frame 0158, or for which a copy thereof is |
| OR | |
| B. [] A chain of title from the inventor(s), of the patent application/pater below: | nt identified above, to the current assignee as shown |
| 1. From: To: To: To: The document was recorded in the United States Patent a Reel, Frame, or for v | and Trademark Office at which a copy thereof is attached. |
| From: To: The document was recorded in the United States Patent a | and Trademark Office at |
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| From: To: To: The document was recorded in the United States Patent a | |
| The document was recorded in the United States Patent a Reel, or f | and Trademark Office at for which a copy thereof is attached. |
| [] Additional documents in the chain of title are listed on a su | |
| [¾ Copies of assignments or other documents in the chain of title are a [NOTE: A separate copy (i.e., the original assignment document or must be submitted to Assignment Division in accordance with 37 C recorded in the records of the USPTO. <u>See</u> MPEP 302.08] | a true copy of the original document) |
| The undersigned (whose title is supplied below) is authorized to act on | behalf of the assignee. |
| 6-23-2003 | Michael W. Sales |
| Date (310) 662–9916 | Typed or printed name |
| Telephone number | Signature |
| | Vice President, Assistant Secretary and |

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Assistant Title General Counsel





DECEMBER 03, 2001

PENNIE & EDMONDS LLP DION M. BREGMAN 3300 HILLVIEW AVE. PALO ALTO, CA 94304

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY. SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/20/2001

REEL/FRAME: 012201/0158

NUMBER OF PAGES: 9

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

OWENS, CRAIG BRASWELL

DOC DATE: 09/19/2001

ASSIGNOR:

OBENHUBER, THOMAS ♥

DOC DATE: 09/20/2001

ASSIGNOR:

HERRICK, STEVEN L.

DOC DATE: 09/19/2001

ASSIGNEE:

PATENT NUMBER:

HUGHES ELECTRONICS CORPORATION V 200 N. SEPULVEDA BLVD.

EL SEGUNDO, CALIFORNIA 90245-0956

SERIAL NUMBER: 09960569✓

FILING DATE: 09/20/2001 V

ISSUE DATE:

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DEC 11 2001

012201/0158 PAGE 2

SHARON LATIMER, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

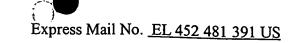


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Attorney Docket Number 10547-0024-999

| | ER OF PATENTS AND TRADEMARKS | | | |
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| Box Assignment Washington, DC 20231 | | | | |
| Please record the attached original documents or copy thereof. | | | | |
| Name of conveying party(ies): | 2. Name and address of receiving party(ies): | | | |
| Craig Braswell Owens Thomas Obenhuber Steven L. Herrick | Name: Hughes Electronics Corporation Address: 200 N. Sepulveda Blvd. | | | |
| Additional name(s) of conveying party(ies) attached? ☐ Yes 図 No | El Segundo, CA 90245-0956 | | | |
| 3. Nature of conveyance: | Country (if other than USA): | | | |
| ■ Assignment | | | | |
| ☐ Security Agreement ☐ Change of Name | JUL 0 2 2003 | | | |
| □ Other | Technology Center 2600 | | | |
| Execution Date: 9/19/01, 9/20/01, 9/19/01, respectively | 09/960569 | | | |
| 4. Application number(s) or patent number(s): | | | | |
| If this document is being filed together with a new application, the execution | n date of the application is: September 19, 2001 | | | |
| A. Patent Application No.(s) B. Patent No.(s) | | | | |
| | tached? □ Yes ⊗ No | | | |
| Name and address of party to whom correspondence concerning document should be mailed: | 6. Number of applications and patents involved: 1 | | | |
| PENNIE & EDMONDS LLP 3300 Hillview Avenue Palo Alto, CA 94304 | 7. Total fee (37 CFR 3.41):\$ 40.00 Please charge to the deposit account listed in Section 8. | | | |
| 2/2001 DBYRNE 00000057 161150 09960569 | 8. Deposit account number: 16-1150 (order no. 10547-0024-999) | | | |
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| 9. Statement and signature. | | | | |
| To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. | | | | |
| Dion M. Bregman 45,645 | September 20, 2001 | | | |
| for Thomas D. Kohler 32,797 Signature Date | | | | |
| Name of Person Signing Reg. No. | | | | |
| Total | number of pages including cover sheet: 9 | | | |

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ASSIGNMENT

Page 1 of 2 Attorney Docket No. 10547-0024-999 Hughes Ref. PD-201138

| WHEREAS, I, as helow named sole inve | ntor (if only one name is listed below) or joint inventor (if plural names are |
|--|--|
| listed below) of the city and state as state | ed below next to my name, have invented a(an) SYSTEM AND METHOD |
| EORDE MOTELY COMMUNICATING WI | THA BROADBAND MODEM for which application for Letters Patent of the |
| United States has been executed by Me | on this day, or (if the following is completed) filed on |
| as Serial No | |
| 03 00101101 | - |

WHEREAS, HUGHES ELECTRONICS CORPORATION, (hereinafter referred to as HUGHES), a Delaware Corporation, having its principal place of business in El Segundo, California, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to HUGHES, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-inpart, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said HUGHES, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to HUGHES, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by HUGHES, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said Letters Patent in the United

States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of HUGHES, its successors,



ASSIGNMENT Page 2 of 2 Attorney Docket No. 10547-0024-939 Hughes Ref. PD-201138

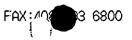
assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in HUGHES, its successors, assigns or other legal representatives.

| FULL NAME OF SOLE OR JOINT INVENTOR Craig Braswell Owens | MVENT | OR'S SIGNATURE | 2 2/19/01 |
|--|------------|--------------------------------------|-------------------|
| RESIDENCE (CITY AND STATE) San Carlos, California | | INVENTION AGREEMENT DATE | |
| FULL NAME OF SIX E OR JOINT INVENTOR Thomas Obenhuber | INVEN | TOR'S SIGNATURE | DATE |
| RESIDENCE (CITY AND STATE) | | INVENTION AGREEMENT DATE | |
| | 11000 | TOR'S SIGNATURE | DATE , |
| FULL NAME OF SOILE OR JOINT INVENTOR Steven L. Herrick | INVEN | tun I Herrick | 9/19/0 |
| RESIDENCE (CITY AND STATE) Fremont, California | | INVENTION AGREEMENT DATE | |
| STATE OF CALIFOT A LA COUNTY OF Sauta Cla On State suber 19, 2001 a Notary Public in and for said State, person | before me, | } ss: | ger |
| Craig Braswell Ovens | | basis of satisfactory evidence to be | the person(s) who |

WITNESS my hand and official seal.

SABRINA BUERGER
Commission # 1211063
Notary Public - California
Control Costa County
My Camm. Expires Feb 19, 2003

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ASSIGNMENT Page 2 of 2 Attorney Docket No. 10547-0024-999 Hughes Ref. PD-201138

| STATE OF | | | |
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| COUNTY OF | |) SS: | |
| On | before me | •, | |
| a Notary Public in and for Thomas Obenhuber | said State, personally appear | red | |
| name(s) is/are subscribed in his/her/their authorized | to the within instrument and a | acknowledged to me that /her/their signature(s) on | ence to be the person(s) whose he/she/they executed the same the instrument the person(s), or |
| WITNESS my ha | and official seal. | | |
| | | Notary Public | |
| STATE OF | Forna_ wha Clara_ 19,2001_before me,_ r said State, personally appear | Sabrina | Buerger_ |
| name(s) is/are subscribed in his/her/their authorized | to the within Instrument and a | acknowledged to rne that her/their signature(s) on | ence to be the person(s) whose he/she/they executed the same the instrument the person(s), or |
| WITNESS my ha | and official seal. | | Val. B |
| Com Notan | BRINA BUERGER mission # 1211063 / Fublic - Cattlornia \$ tra Costa County mr. Expires Feb 19, 2003 | Notary Public | Sk Grina (cherg |



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ASSIGNMENT

Page 1 of 2 Attorney Docket No. 10547-0024-999 Hughes Ref. PD-201138

| listed below) of the city and | state as stated below next to my name, have invented a(an) SYSTEM AND METHOD |
|-------------------------------|---|
| | VICATING WITH A BROADBAND MODEM for which application for Letters Patent of the |
| | ecuted by me on this day, or (if the following is completed) filed on |
| as Serial No | |

WHEREAS, HUGHES ELECTRONICS CORPORATION, (hereinafter referred to as HUGHES), a Delaware Corporation, having its principal place of business in El Segundo, California, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to HUGHES, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-inpart, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said HUGHES, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer, and agree to communicate to HUGHES, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by HUGHES, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said Letters Patent in the United

States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of HUGHES, its successors,

ASSIGNMENT Page 2 of 2 Attorney Docket No. 10547-0024-999 Hughes Ref. PD-201138

assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in HUGHES, its successors, assigns or other legal representatives.

IN WITNESS WHEREOF, I have executed this instrument. FULL NAME OF SOLE OR JOINT INVENTOR INVENTOR'S SIGNATURE DATE Craig Braswell Owens RESIDENCE (CITY AND STATE) INVENTION AGREEMENT DATE San Carlos, California FULL NAME OF SOLE OR JOINT INVENTOR Thomas Obenhuber INVENTION AGREEMENT DATE traisses, CI7 FULL NAME OF SOLE OR JOINT INVENTOR INVENTOR'S SIGNATURE DATE Steven L. Herrick RESIDENCE (CITY AND STATE) INVENTION AGREEMENT DATE Fremont, California STATE OF ____ SS: COUNTY OF before me, _ a Notary Public in and for said State, personally appeared

• personally known to me or • proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by hls/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Craig Braswell Owens

| Notary | Public | |
|--------|--------|-------------|
| • | | |

ASSIGNMENT Page 2 of 2 Attorney Docket No. 10547-0024-999 Hughes Ref. PD-201138